

LEGEND 700 GOLD
PCIe Gen3 x4 M.2 2280 Solid State Drive

SOLID GOLD QUALITY



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Make your creations legendary with the ADATA LEGEND 700 GOLD. Enhance your creativity with sustained read/write speeds of up to 2,000/1,600MB per second on the latest Intel and AMD platforms.

Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 2,000/1,600MB/s
- NVMe 1.3 support
- Heatsink reduces temp. effectively
- Supports Host Memory Buffer(HMB)
- Advanced hardware LDPC ECC Technology
- Great upgrade option for creators
- For aspiring or amateur content creators looking to edit photos/videos, illustrate, and other tasks.
- Value-added software: SSD Toolbox

Ordering Information

Capacity	Model Number	EAN Code
2TB	SLEG-700G-2TCS-S48	4711085943262
1TB	SLEG-700G-1TCS-S48	4711085941312
512GB	SLEG-700G-512GCS-S48	4711085941305
1TB	SLEG-700G-1TCS-SH7	4711085946027
512GB	SLEG-700G-512GCS-SH7	4711085946010



Specifications

- Capacity: 512GB / 1TB / 2TB
- Form Factor: M.2 2280
- NAND Flash: 3D NAND
- Controller: SM2263XT
- Interface: PCIe Gen3 x4
- Sequential read/write (Max.):
Read 2,000MB/s ; write 1,600MB/s
- 4K random read/write IOPS (Max.): 130K/280K
- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- Dimensions (L x W x H):
80 x 22 x 3.13mm (with heat sink)
80 x 22 x 2.15mm (without heat sink)
- Weight:
10g / 0.35oz (with heat sink)
7g / 0.24oz (without heat sink)
- Terabytes Written (TBW)(Max. capacity): 480TB
- MTBF: 1,500,000 hours
- Warranty: 3-year limited
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

Performance

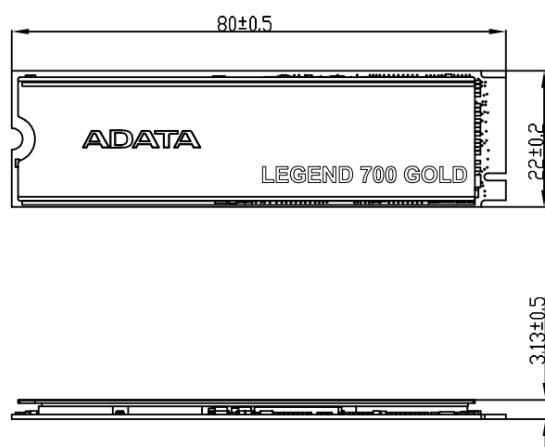
Capacity	Sequential Performance (Up to) ¹		4K Random (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
512GB	2,000	1,600	60K	240K	160TB
1TB	2,000	1,600	130K	280K	320TB
2TB	2,000	1,600	130K	280K	480TB

*Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

**The value is the minimum amount of terabyte written that could be reached.

Schematics

<With heatsink>



<Without heatsink>

